

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040114.D
 Acq On : 19 Jan 2023 15:36
 Operator : SY/MD
 Sample : 01223-02 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-2DL

Quant Time: Jan 20 02:07:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.195	49	1106597	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2845951	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2603598	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	2184031	10.093	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.722	85	9766	0.050	ppbv	95
3) Chlorodifluoromethane	2.645	51	8311	0.063	ppbv #	66
4) Chloromethane	2.806	50	4109	0.050	ppbv #	86
9) Propene	2.867	41	1992989	36.140	ppbv	99
10) Heptane	7.593	43	37611	0.296	ppbv #	27
13) Ethanol	3.240	45	171204	33.730	ppbv	100
15) Acetone	3.459	43	2746560	20.695	ppbv	95
16) 1,3-Butadiene	2.963	39	92790	1.500	ppbv #	24
17) tert-Butyl alcohol	3.893	59	10755	0.087	ppbv #	72
19) Isopropyl Alcohol	3.587	45	18595	0.286	ppbv #	90
20) Methylene Chloride	3.931	84	74375	1.270	ppbv	94
21) Allyl Chloride	3.889	41	3061	0.036	ppbv #	49
23) Vinyl Acetate	4.606	43	530400	12.329	ppbv #	9
25) Ethyl Acetate	5.208	43	75759	0.324	ppbv #	90
26) Hexane	5.214	57	91024	0.890	ppbv #	66
30) Cyclohexane	6.610	84	221260	2.720	ppbv	96
34) 2-Butanone	4.787	43	852594	6.334	ppbv	99
36) Benzene	6.378	78	49589	0.235	ppbv	93
39) 1,2-Dichloropropane	7.330	63	7183	0.087	ppbv #	1
41) Tetrahydrofuran	5.571	42	155934	2.007	ppbv	97
42) Bromodichloromethane	7.256	83	93010	0.509	ppbv #	26
43) Methyl Methacrylate	7.330	69	309748	4.008	ppbv #	1
44) 2,2,4-Trimethylpentane	7.336	57	4441312	12.681	ppbv #	76
47) 1,1,2-Trichloroethane	9.002	97	109183	1.259	ppbv #	56
50) 4-Methyl-2-Pentanone	8.217	43	25923	0.122	ppbv #	68
51) 2-Hexanone	9.548	43	32721	0.204	ppbv #	30
52) Tetrachloroethene	10.629	164	2436	0.035	ppbv #	22
53) Toluene	9.230	91	226004	1.006	ppbv	99
57) Chlorobenzene	11.542	112	14335	0.081	ppbv #	30
58) Ethyl Benzene	12.101	91	97396	0.335	ppbv	95
59) m/p-Xylene	12.365	91	120949	0.463	ppbv #	33
60) o-Xylene	13.072	91	21474	0.087	ppbv #	33
63) 1,1,2,2-Tetrachloroethane	13.159	83	144552	1.605	ppbv #	28
64) n-propylbenzene	14.931	120	2921	0.033	ppbv #	1
72) 4-Ethyltoluene	15.211	105	20326	0.074	ppbv #	53
73) 1,3,5-Trimethylbenzene	15.368	105	19285	0.078	ppbv #	83
74) 1,2,4-Trimethylbenzene	16.120	105	64018	0.233	ppbv #	56

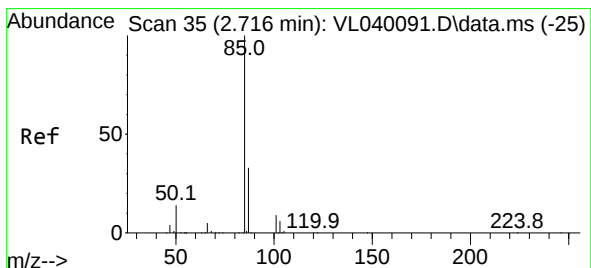
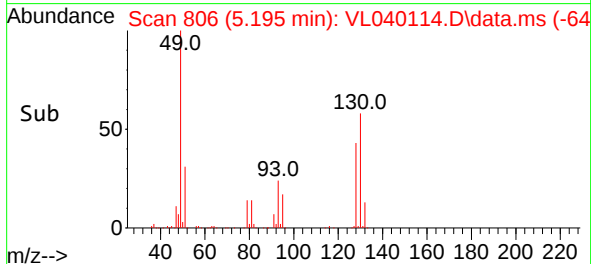
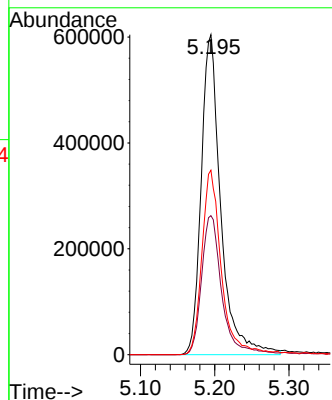
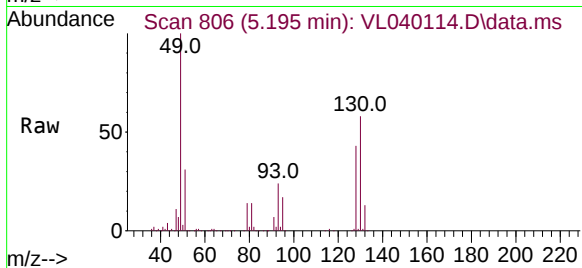
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

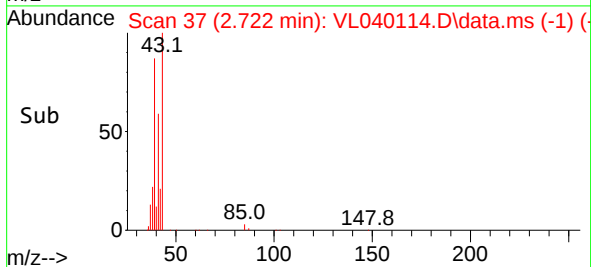
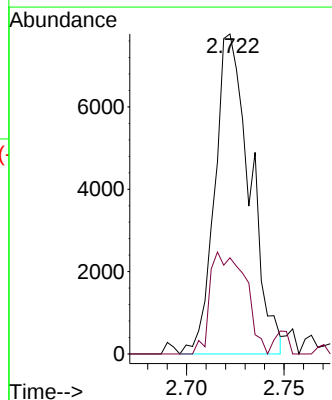
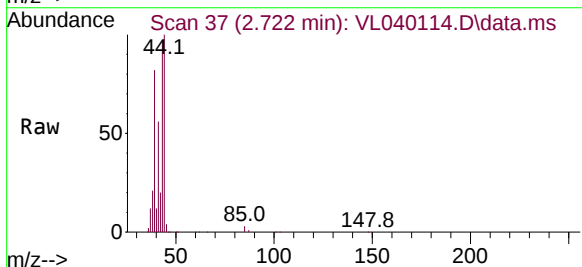
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

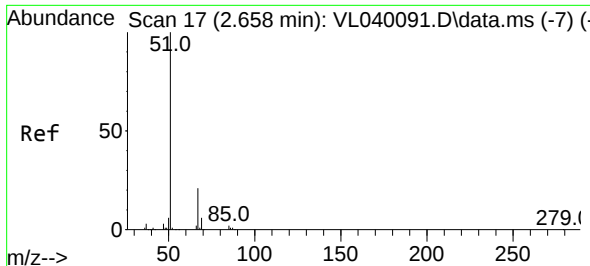
Tgt Ion: 49 Resp: 1106597
Ion Ratio Lower Upper
49 100
128 45.7 23.6 71.0
130 58.4 29.8 89.3



#2
Dichlorodifluoromethane
Concen: 0.050 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.006 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

Tgt Ion: 85 Resp: 9766
Ion Ratio Lower Upper
85 100
87 30.0 26.5 39.7

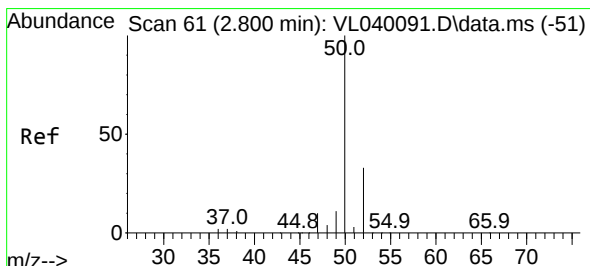
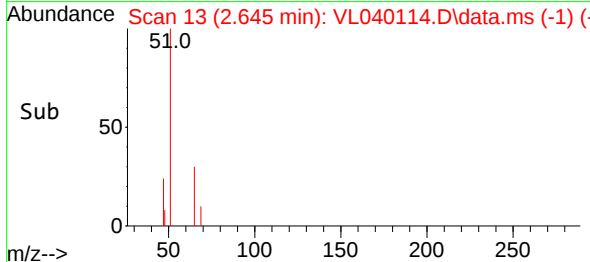
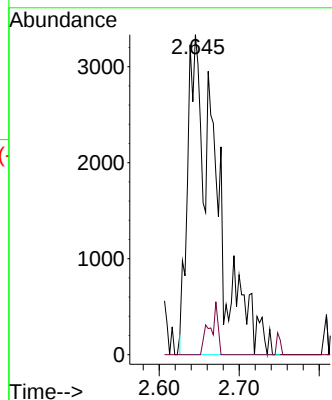
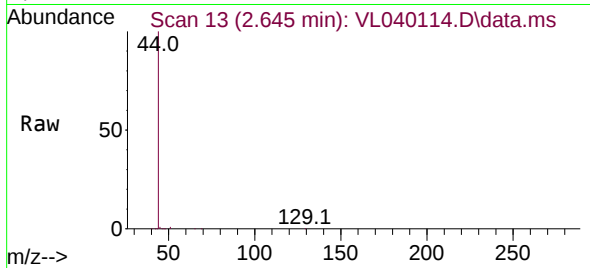




#3
Chlorodifluoromethane
Concen: 0.063 ppbv
RT: 2.645 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

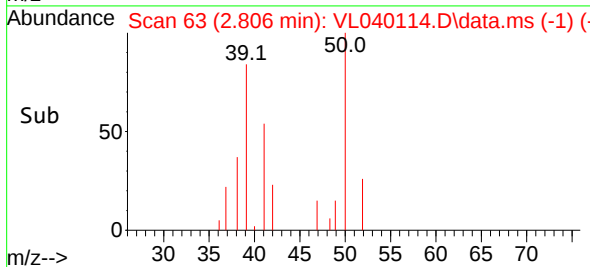
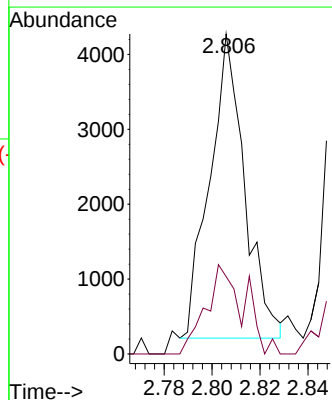
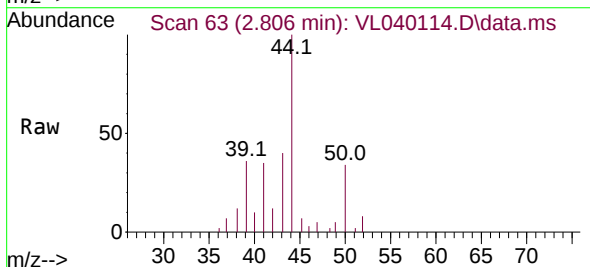
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

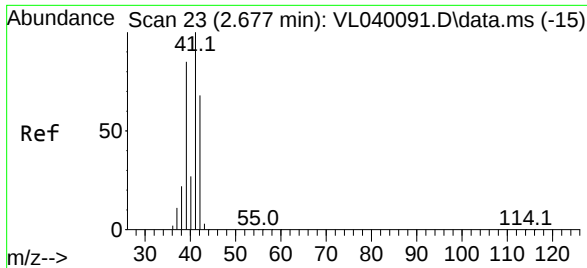
Tgt Ion: 51 Resp: 8311
Ion Ratio Lower Upper
51 100
67 4.8 16.4 24.6#



#4
Chloromethane
Concen: 0.050 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.006 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

Tgt Ion: 50 Resp: 4109
Ion Ratio Lower Upper
50 100
52 25.5 26.5 39.7#





#9

Propene

Concen: 36.140 ppbv

RT: 2.867 min Scan# 81

Delta R.T. 0.190 min

Lab File: VL040114.D

Acq: 19 Jan 2023 15:36

Instrument :

MSVOA_L

ClientSampleId :

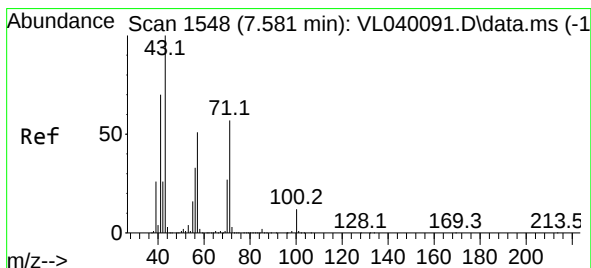
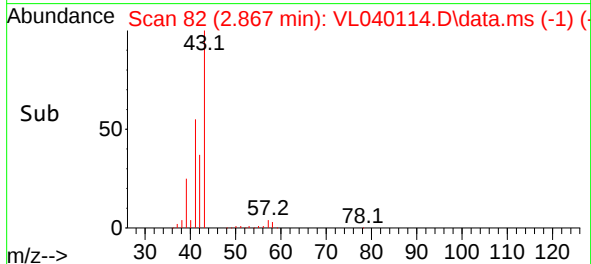
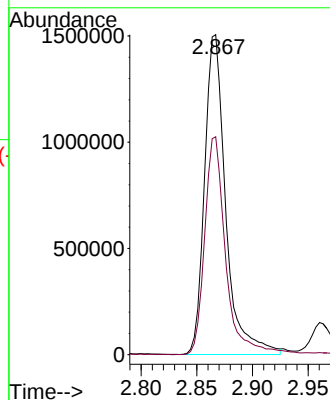
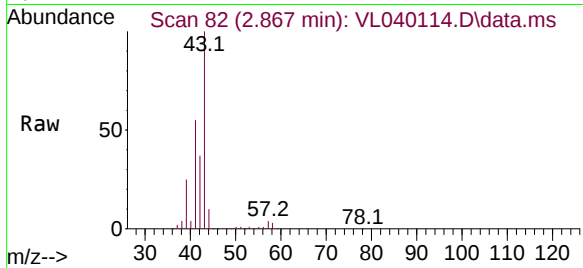
VP-2DL

Tgt Ion: 41 Resp: 1992989

Ion Ratio Lower Upper

41 100

42 68.5 55.6 83.4



#10

Heptane

Concen: 0.296 ppbv

RT: 7.593 min Scan# 1552

Delta R.T. 0.013 min

Lab File: VL040114.D

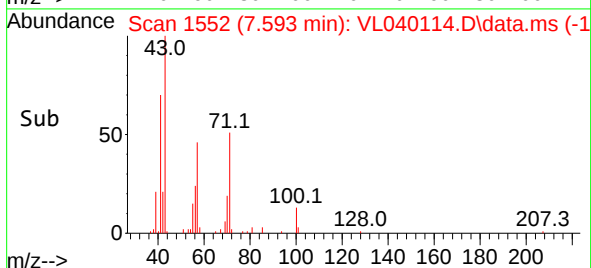
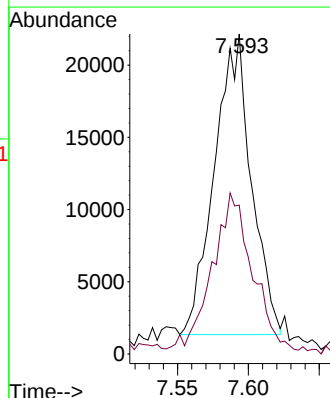
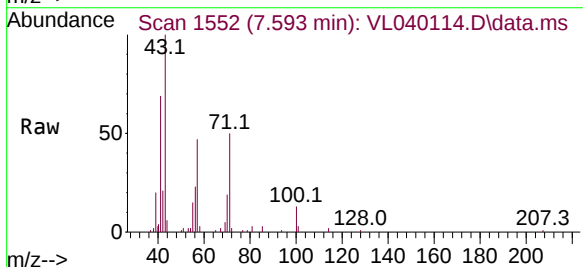
Acq: 19 Jan 2023 15:36

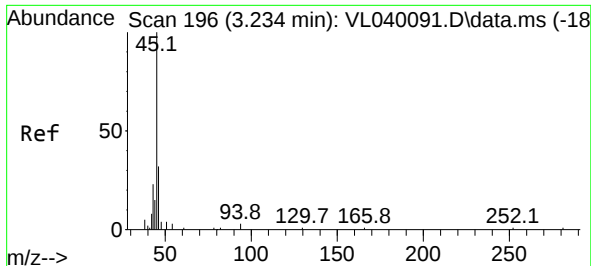
Tgt Ion: 43 Resp: 37611

Ion Ratio Lower Upper

43 100

57 0.0 40.9 61.3#

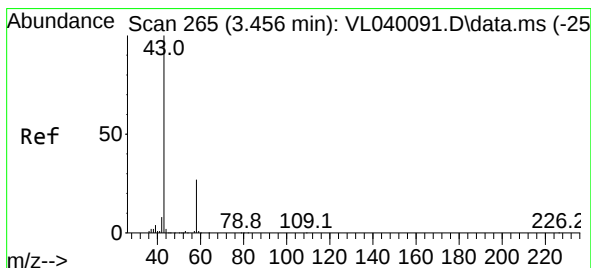
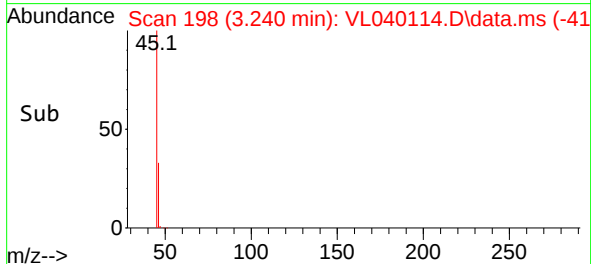
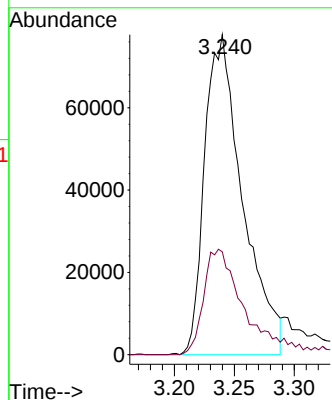
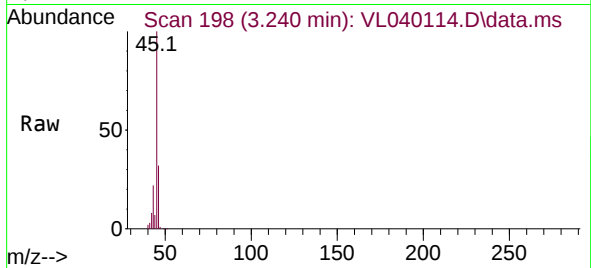




#13
Ethanol
Concen: 33.730 ppbv
RT: 3.240 min Scan# 197
Delta R.T. 0.006 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

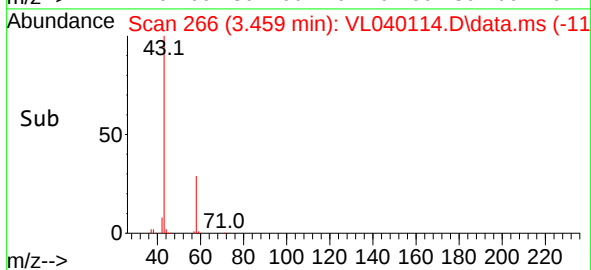
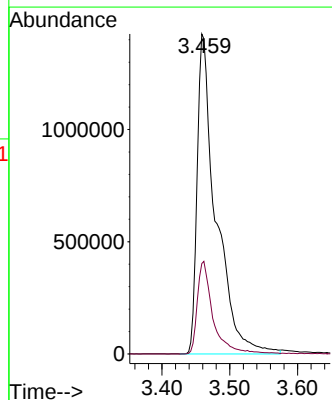
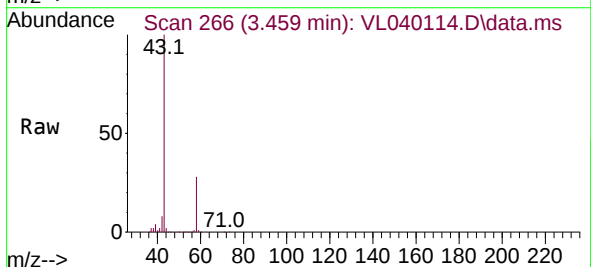
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

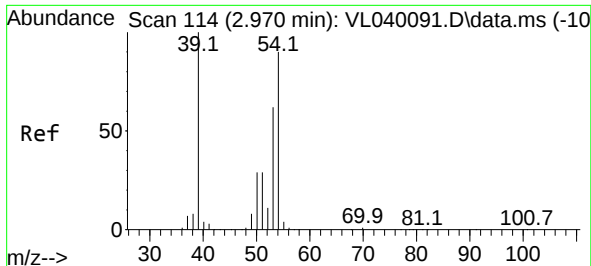
Tgt Ion: 45 Resp: 171204
Ion Ratio Lower Upper
45 100
46 37.0 14.8 59.2



#15
Acetone
Concen: 20.695 ppbv
RT: 3.459 min Scan# 266
Delta R.T. 0.003 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

Tgt Ion: 43 Resp: 2746560
Ion Ratio Lower Upper
43 100
58 24.6 21.8 32.8





#16

1,3-Butadiene

Concen: 1.500 ppbv

RT: 2.963 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL040114.D

Acq: 19 Jan 2023 15:36

Instrument :

MSVOA_L

ClientSampleId :

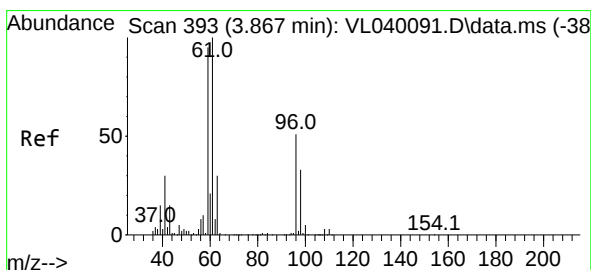
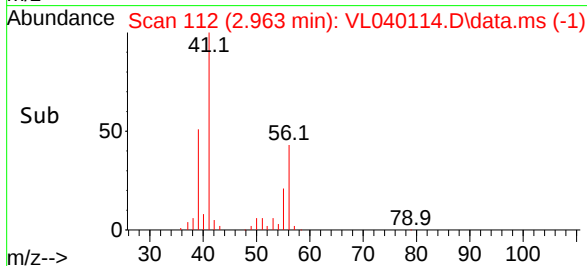
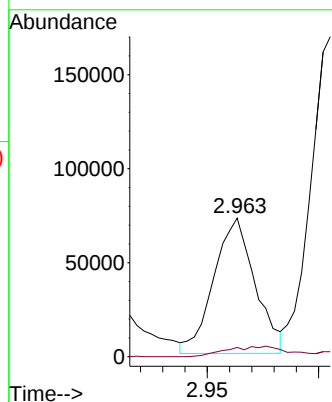
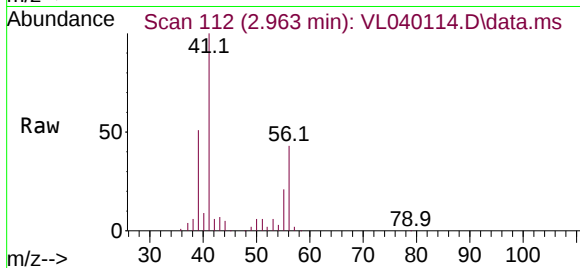
VP-2DL

Tgt Ion: 39 Resp: 92790

Ion Ratio Lower Upper

39 100

54 15.3 67.9 101.9#



#17

tert-Butyl alcohol

Concen: 0.087 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.026 min

Lab File: VL040114.D

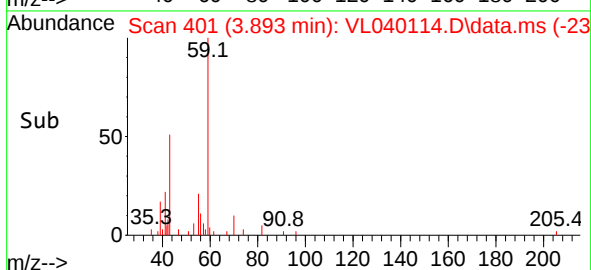
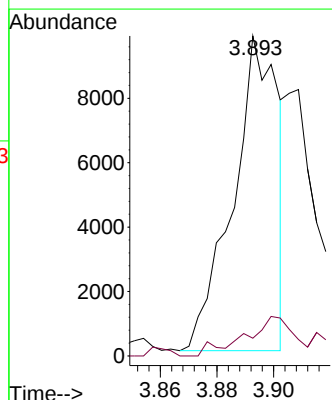
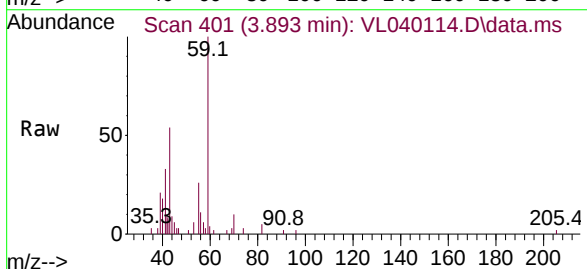
Acq: 19 Jan 2023 15:36

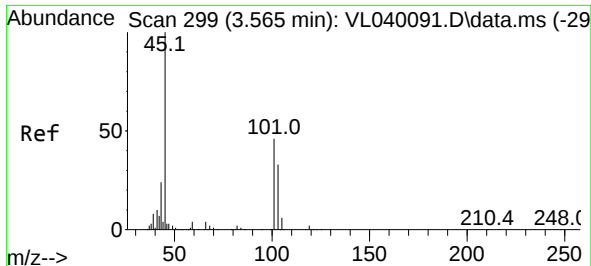
Tgt Ion: 59 Resp: 10755

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#19

Isopropyl Alcohol

Concen: 0.286 ppbv

RT: 3.587 min Scan# 306

Delta R.T. 0.022 min

Lab File: VL040114.D

Acq: 19 Jan 2023 15:36

Instrument :

MSVOA_L

ClientSampleId :

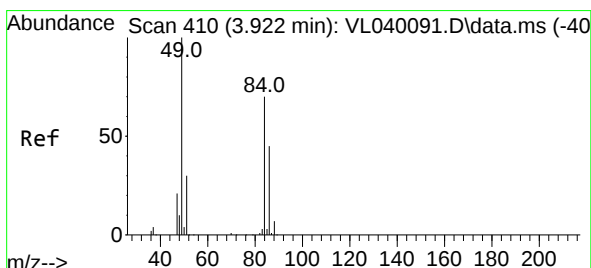
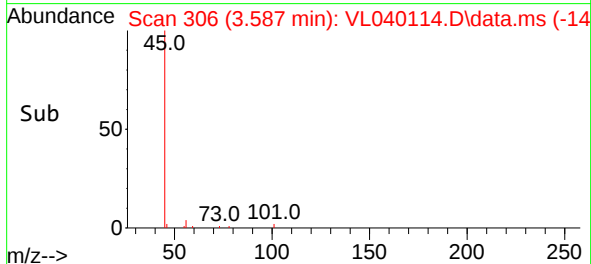
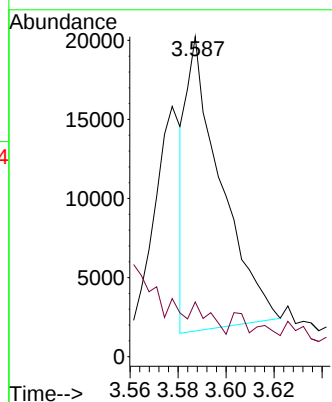
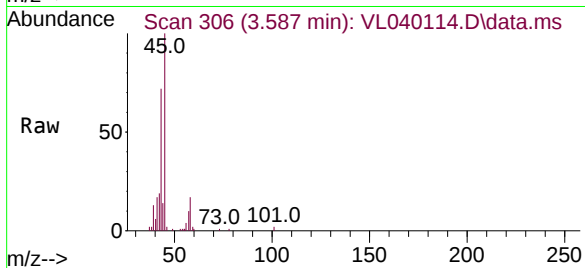
VP-2DL

Tgt Ion: 45 Resp: 18595

Ion Ratio Lower Upper

45 100

58 0.0 2.6 4.0#



#20

Methylene Chloride

Concen: 1.270 ppbv

RT: 3.931 min Scan# 413

Delta R.T. 0.009 min

Lab File: VL040114.D

Acq: 19 Jan 2023 15:36

Tgt Ion: 84 Resp: 74375

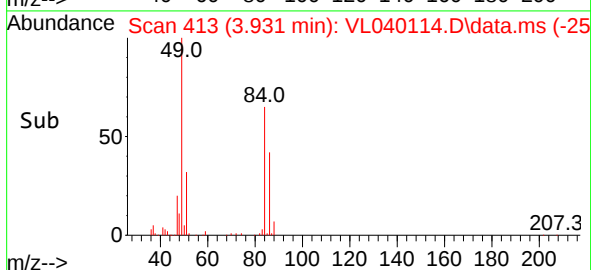
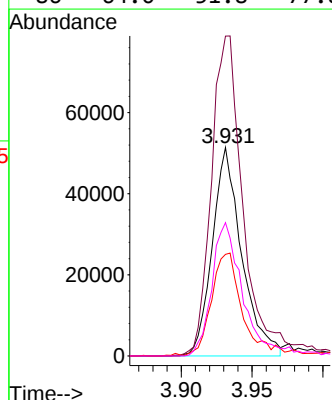
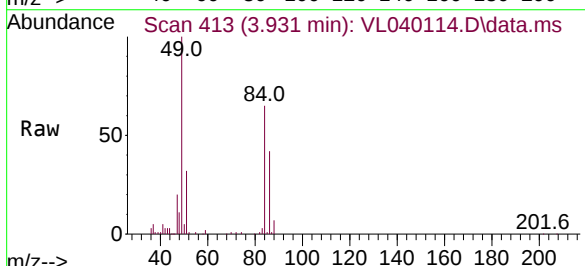
Ion Ratio Lower Upper

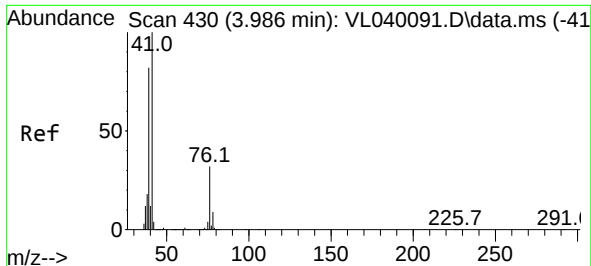
84 100

49 153.0 114.6 171.8

51 48.2 34.3 51.5

86 64.0 51.8 77.8





#21

Allyl Chloride

Concen: 0.036 ppbv

RT: 3.889 min Scan# 41

Delta R.T. -0.097 min

Lab File: VL040114.D

Acq: 19 Jan 2023 15:36

Instrument :

MSVOA_L

ClientSampleId :

VP-2DL

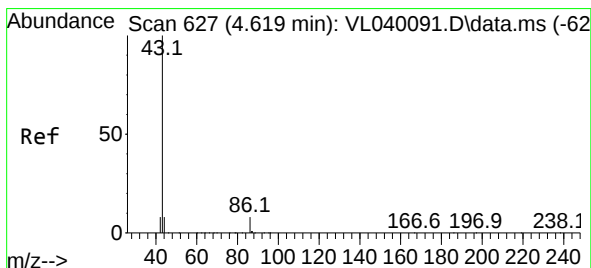
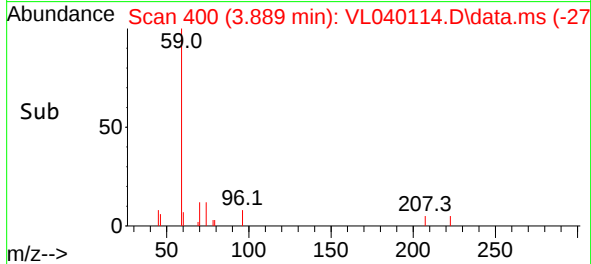
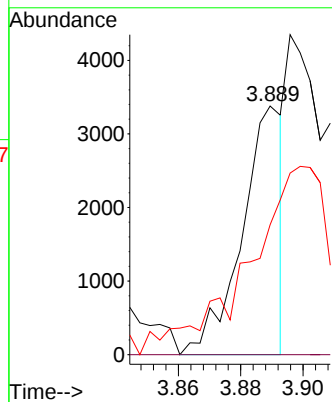
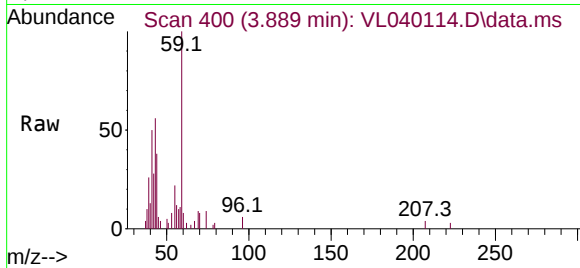
Tgt Ion: 41 Resp: 3061

Ion Ratio Lower Upper

41 100

76 0.0 25.9 38.9#

39 127.6 66.8 100.2#



#23

Vinyl Acetate

Concen: 12.329 ppbv

RT: 4.606 min Scan# 623

Delta R.T. -0.013 min

Lab File: VL040114.D

Acq: 19 Jan 2023 15:36

Tgt Ion: 43 Resp: 530400

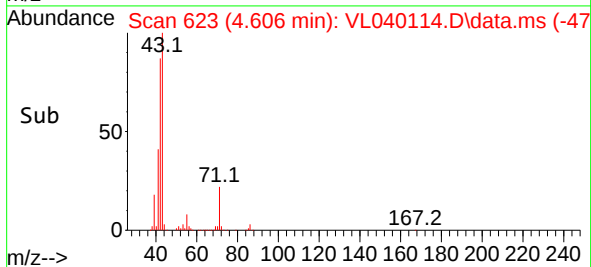
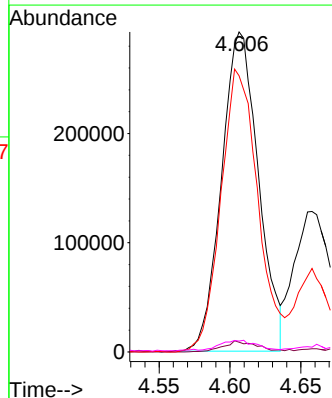
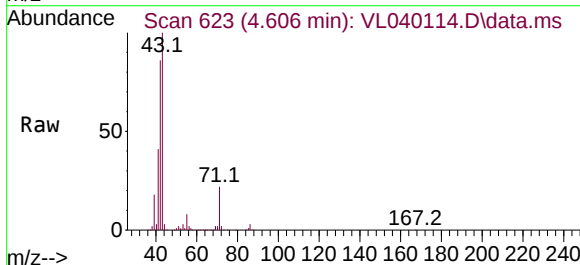
Ion Ratio Lower Upper

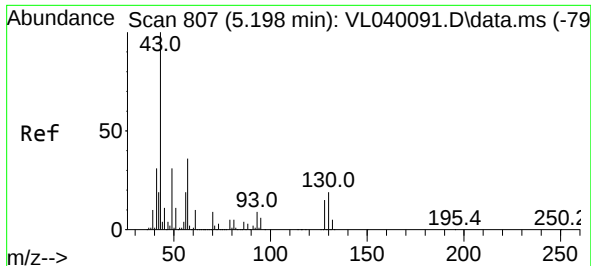
43 100

86 3.0 5.6 8.4#

42 86.3 7.7 11.5#

44 2.9 5.8 8.8#





#25

Ethyl Acetate

Concen: 0.324 ppbv

RT: 5.208 min Scan# 810

Delta R.T. 0.009 min

Lab File: VL040114.D

Acq: 19 Jan 2023 15:36

Instrument :

MSVOA_L

ClientSampleId :

VP-2DL

Tgt Ion: 43 Resp: 75759

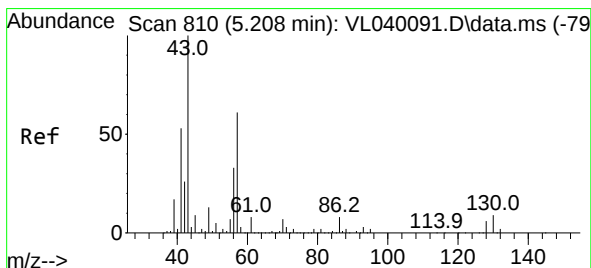
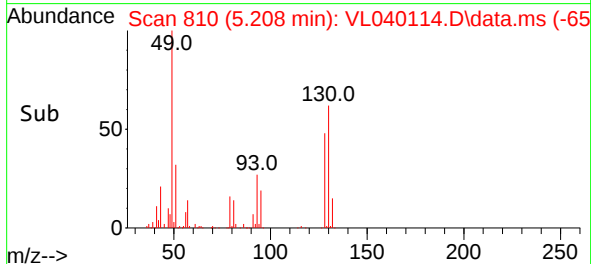
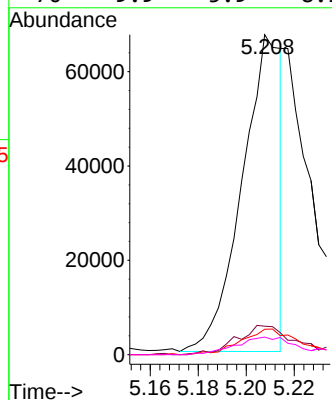
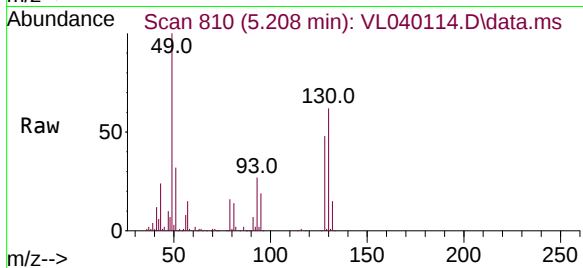
Ion Ratio Lower Upper

43 100

45 15.3 8.5 12.7#

61 13.8 8.4 12.6#

70 9.9 5.9 8.9#



#26

Hexane

Concen: 0.890 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.006 min

Lab File: VL040114.D

Acq: 19 Jan 2023 15:36

Tgt Ion: 57 Resp: 91024

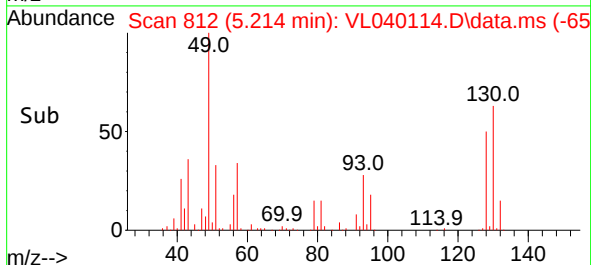
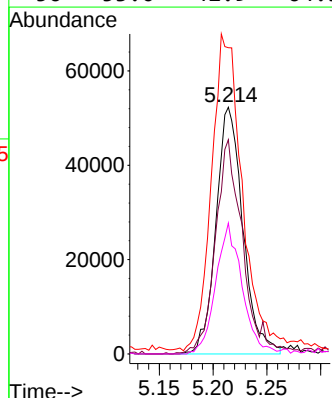
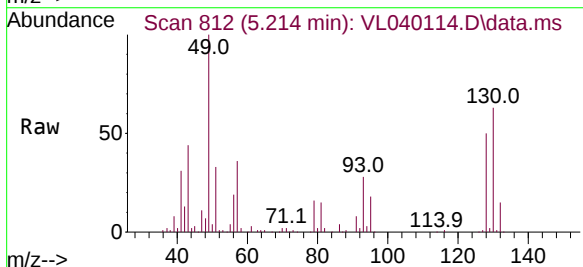
Ion Ratio Lower Upper

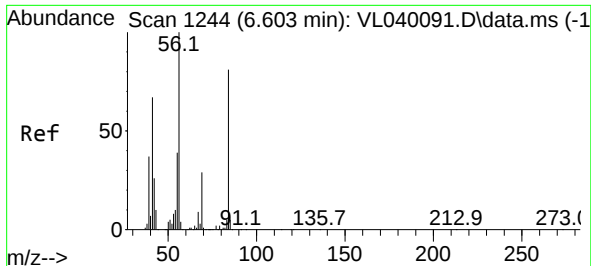
57 100

41 87.7 72.2 108.4

43 150.5 192.1 288.1#

56 53.0 42.9 64.3

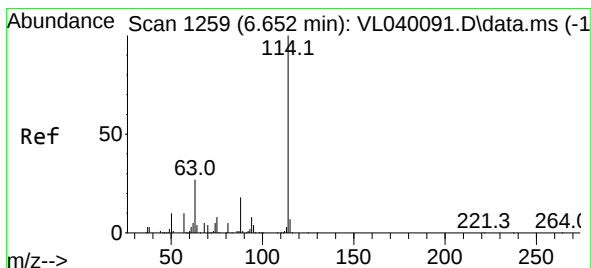
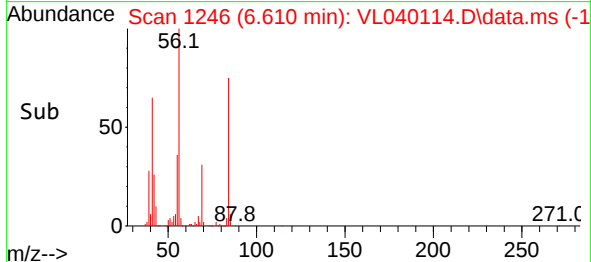
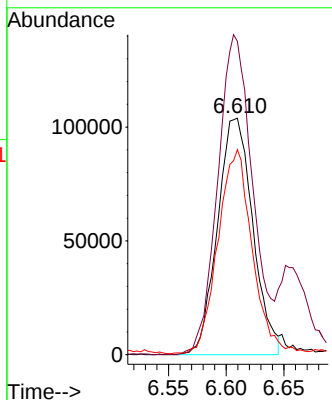
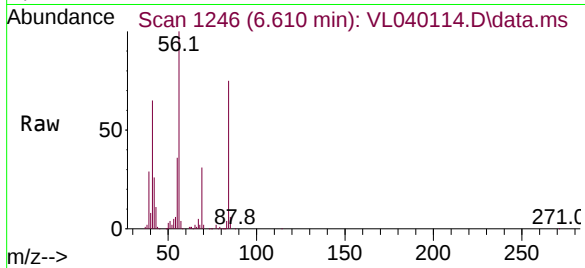




#30
Cyclohexane
Concen: 2.720 ppbv
RT: 6.610 min Scan# 1246
Delta R.T. 0.006 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

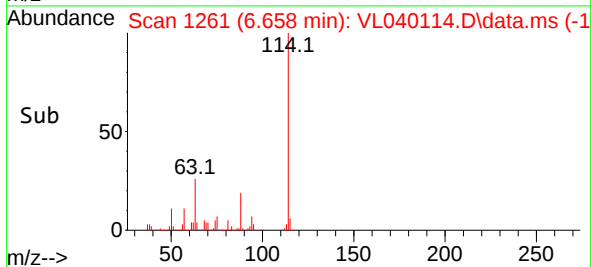
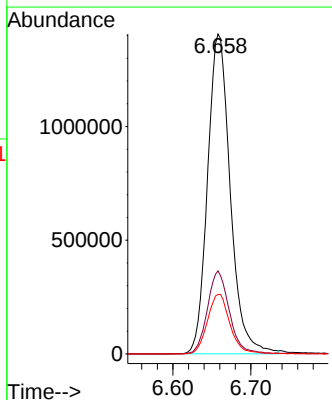
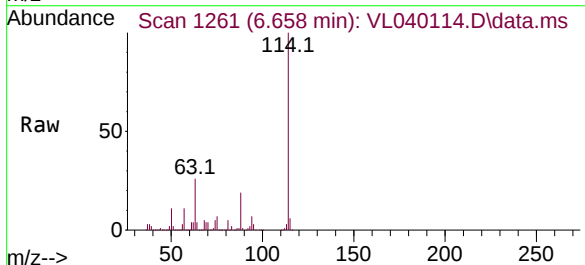
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

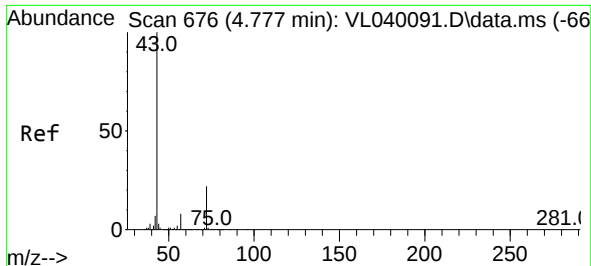
Tgt Ion: 84 Resp: 221260
Ion Ratio Lower Upper
84 100
56 136.4 111.5 167.3
41 83.7 71.4 107.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

Tgt Ion: 114 Resp: 2845951
Ion Ratio Lower Upper
114 100
63 25.4 21.8 32.8
88 18.7 14.8 22.2

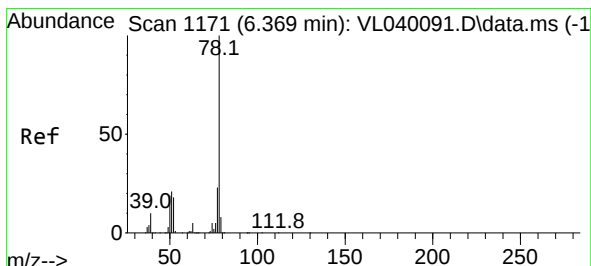
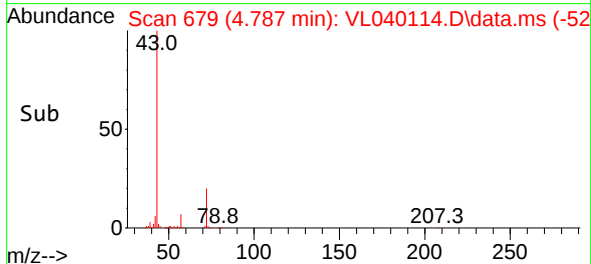
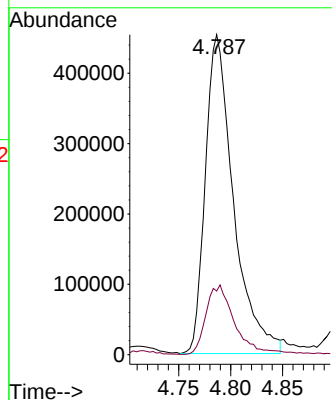
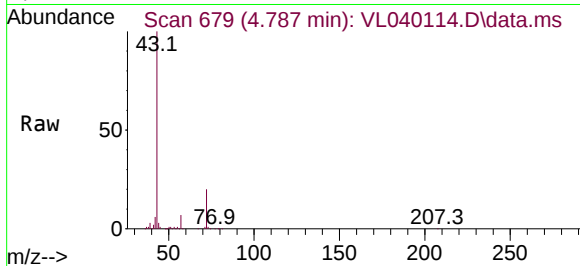




#34
2-Butanone
Concen: 6.334 ppbv
RT: 4.787 min Scan# 61
Delta R.T. 0.009 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

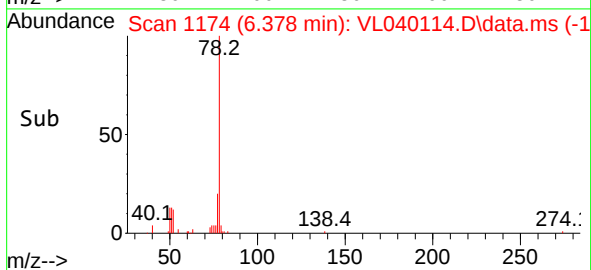
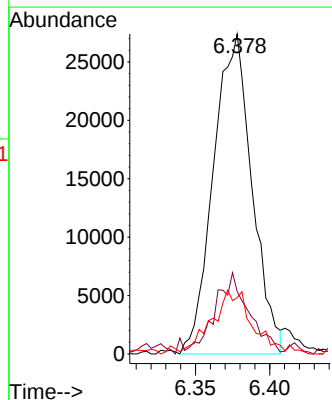
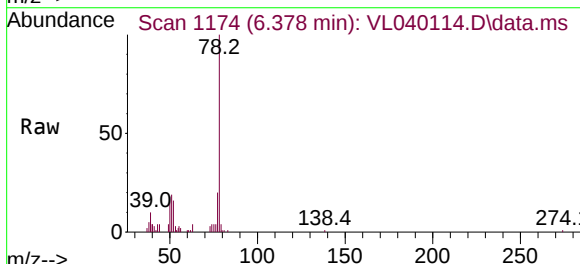
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

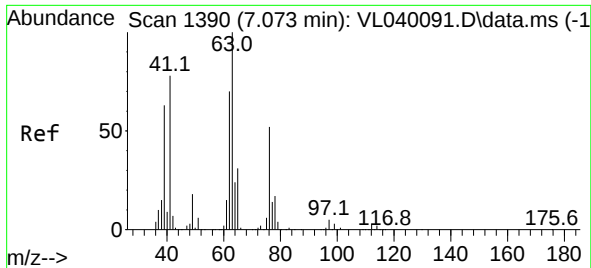
Tgt Ion: 43 Resp: 852594
Ion Ratio Lower Upper
43 100
72 22.7 18.4 27.6



#36
Benzene
Concen: 0.235 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.009 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

Tgt Ion: 78 Resp: 49589
Ion Ratio Lower Upper
78 100
77 18.9 18.1 27.1
50 16.8 15.6 23.4





#39

1,2-Dichloropropane

Concen: 0.087 ppbv

RT: 7.330 min Scan# 14

Delta R.T. 0.257 min

Lab File: VL040114.D

Acq: 19 Jan 2023 15:36

Instrument :

MSVOA_L

ClientSampleId :

VP-2DL

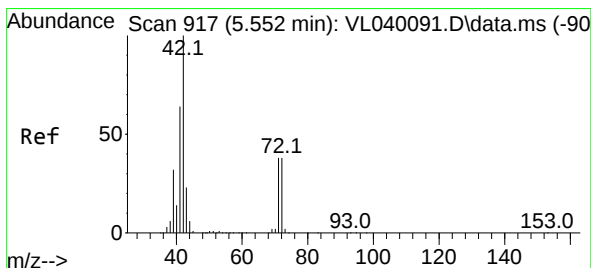
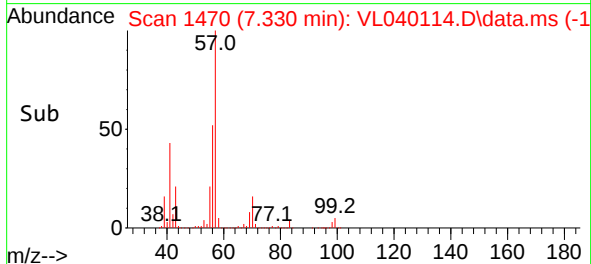
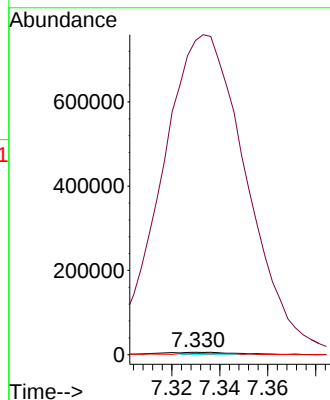
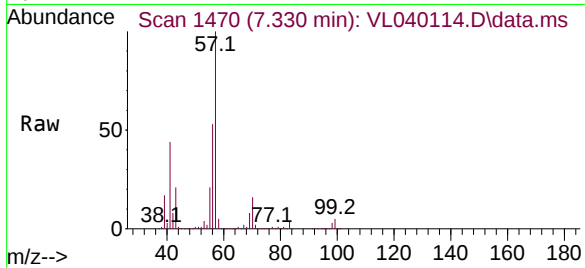
Tgt Ion: 63 Resp: 7183

Ion Ratio Lower Upper

63 100

41 12495.0 62.2 93.4#

62 52.1 55.8 83.8#



#41

Tetrahydrofuran

Concen: 2.007 ppbv

RT: 5.571 min Scan# 923

Delta R.T. 0.019 min

Lab File: VL040114.D

Acq: 19 Jan 2023 15:36

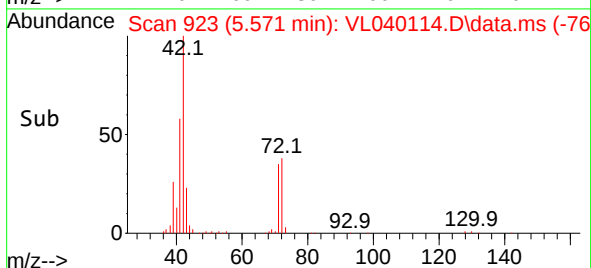
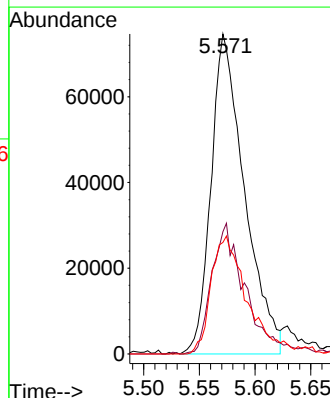
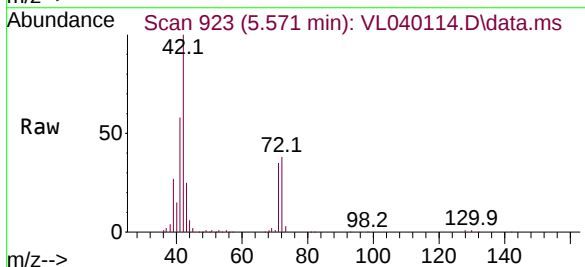
Tgt Ion: 42 Resp: 155934

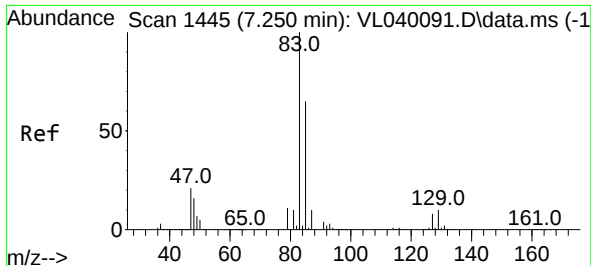
Ion Ratio Lower Upper

42 100

72 41.9 31.9 47.9

71 40.5 31.4 47.2

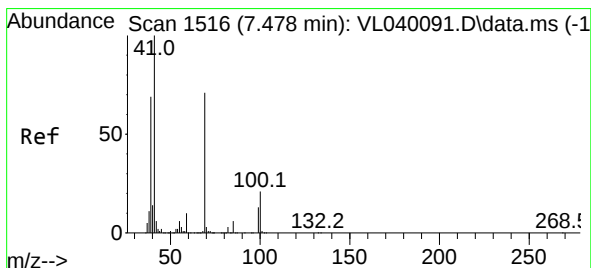
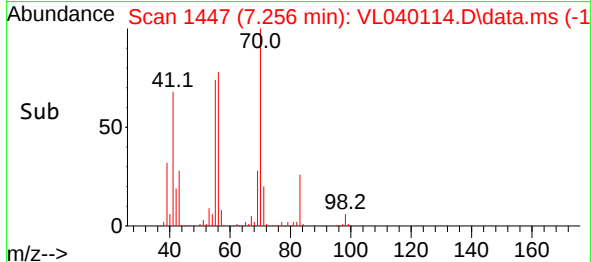
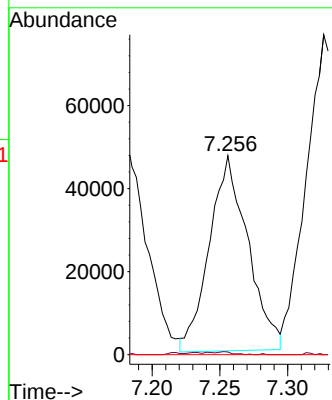
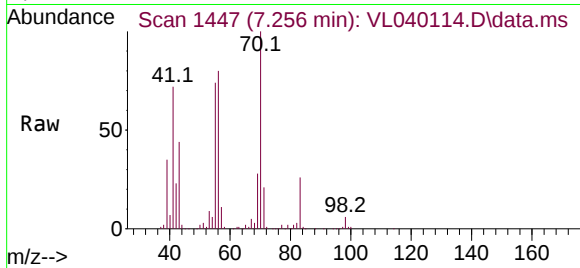




#42
Bromodichloromethane
Concen: 0.509 ppbv
RT: 7.256 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

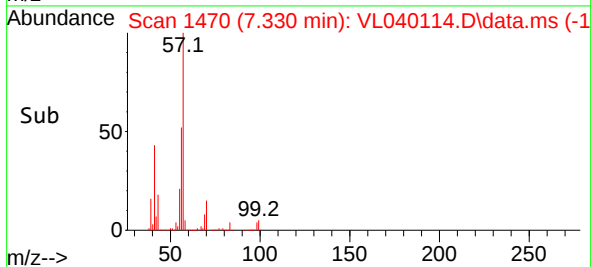
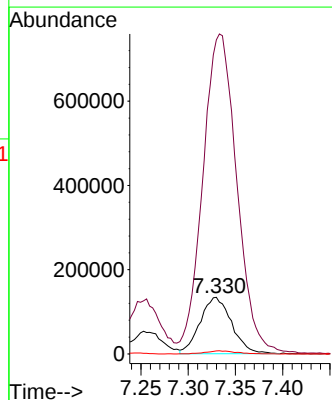
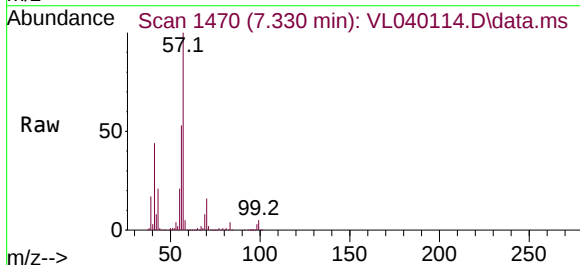
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

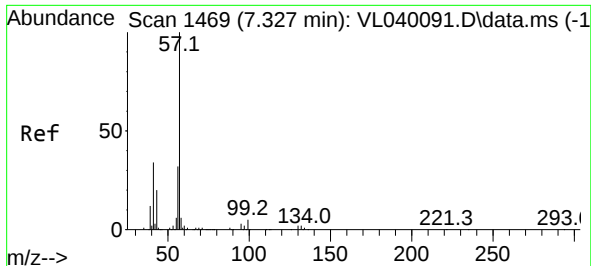
Tgt Ion: 83 Resp: 93010
Ion Ratio Lower Upper
83 100
85 1.5 51.7 77.5#
127 0.0 6.2 9.2#



#43
Methyl Methacrylate
Concen: 4.008 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.148 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

Tgt Ion: 69 Resp: 309748
Ion Ratio Lower Upper
69 100
41 616.6 118.2 177.2#
100 5.5 24.2 36.4#



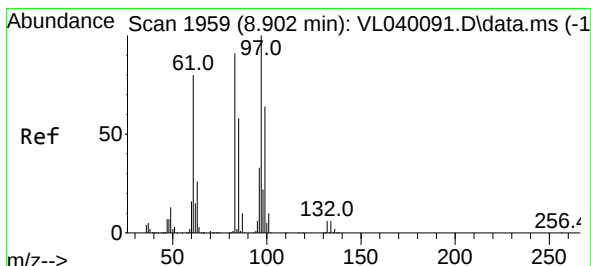
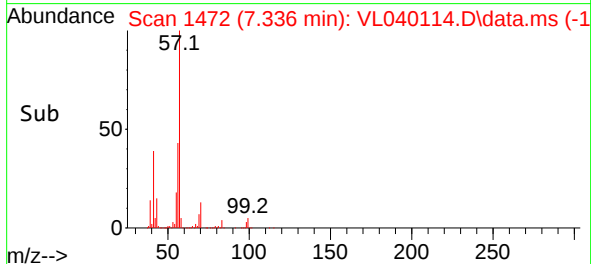
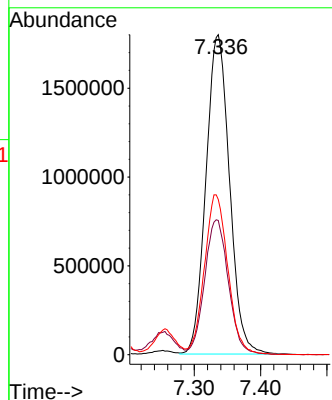
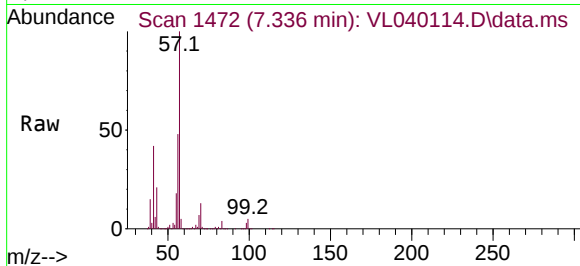


#44
2,2,4-Trimethylpentane
Concen: 12.681 ppbv
RT: 7.336 min Scan# 1469
Delta R.T. 0.009 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

Tgt Ion: 57 Resp: 4441312

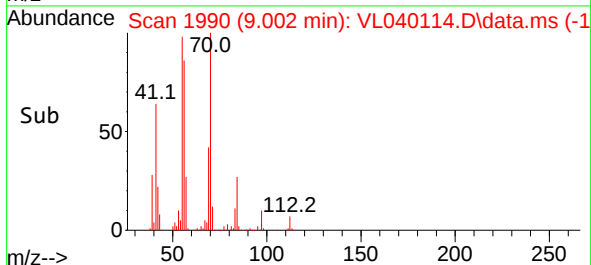
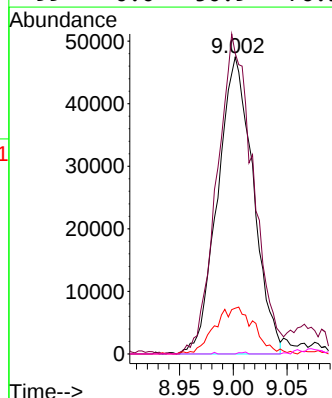
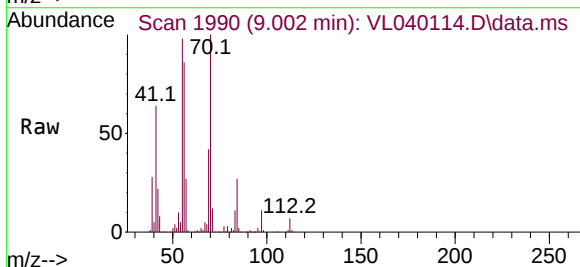
Ion	Ratio	Lower	Upper
57	100		
41	42.8	27.1	40.7#
56	50.0	25.0	37.4#

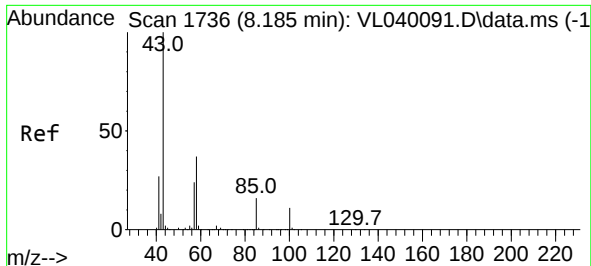


#47
1,1,2-Trichloroethane
Concen: 1.259 ppbv
RT: 9.002 min Scan# 1990
Delta R.T. 0.100 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

Tgt Ion: 97 Resp: 109183

Ion	Ratio	Lower	Upper
97	100		
83	100.6	72.9	109.3
85	14.9	46.0	69.0#
99	0.0	50.9	76.3#





#50

4-Methyl-2-Pentanone

Concen: 0.122 ppbv

RT: 8.217 min Scan# 1

Delta R.T. 0.032 min

Lab File: VL040114.D

Acq: 19 Jan 2023 15:36

Instrument :

MSVOA_L

ClientSampleId :

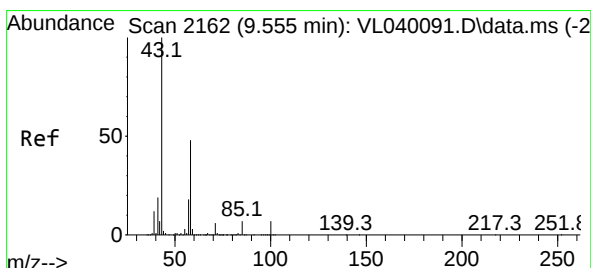
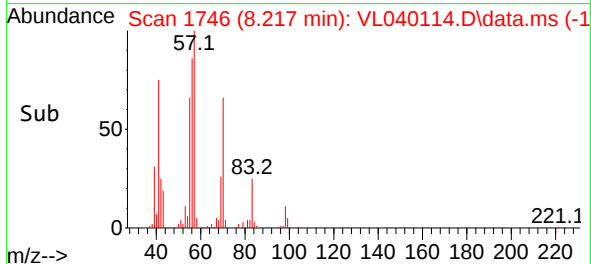
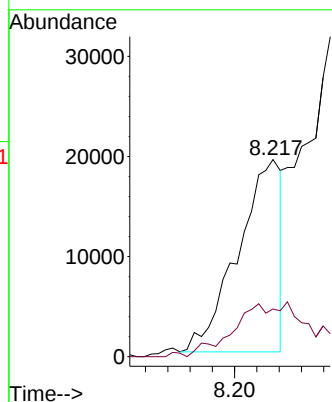
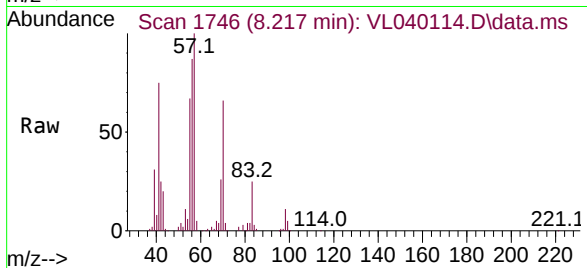
VP-2DL

Tgt Ion: 43 Resp: 25923

Ion Ratio Lower Upper

43 100

58 54.5 28.8 43.2#



#51

2-Hexanone

Concen: 0.204 ppbv

RT: 9.548 min Scan# 2160

Delta R.T. -0.007 min

Lab File: VL040114.D

Acq: 19 Jan 2023 15:36

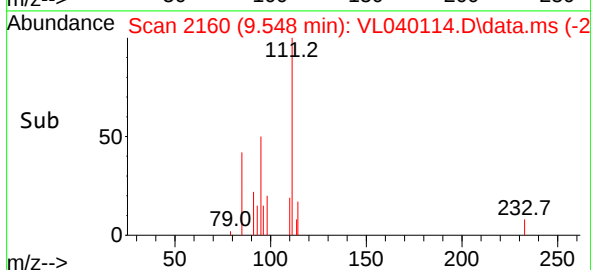
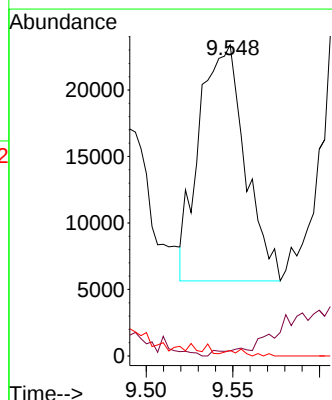
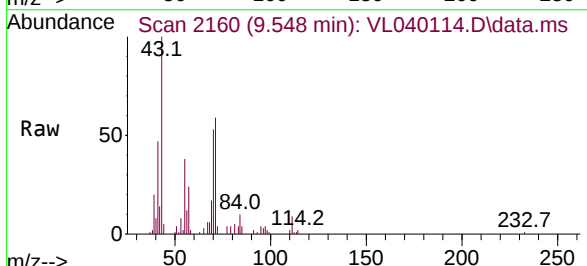
Tgt Ion: 43 Resp: 32721

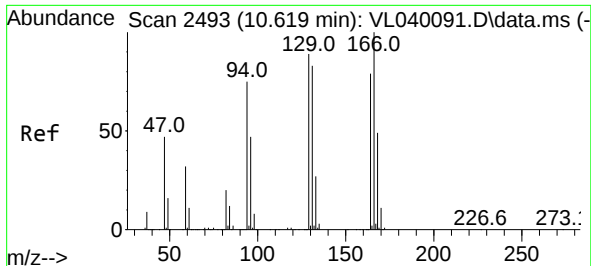
Ion Ratio Lower Upper

43 100

58 0.0 37.5 56.3#

98 0.0 0.4 0.6#

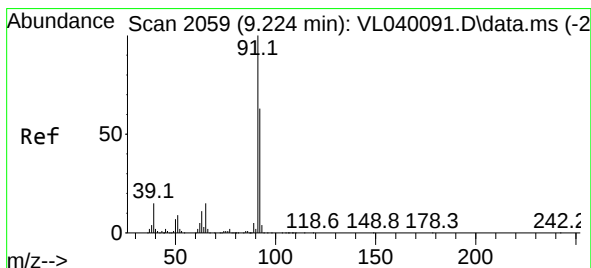
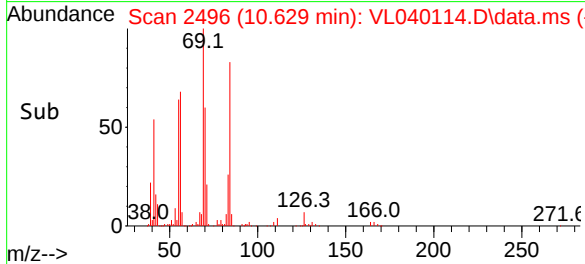
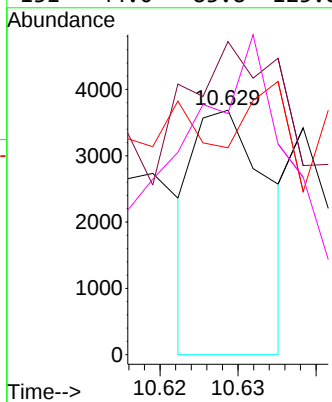
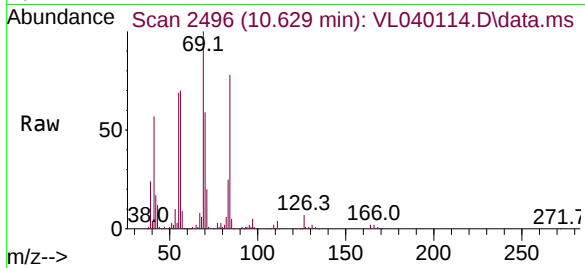




#52
Tetrachloroethene
Concen: 0.035 ppbv
RT: 10.629 min Scan# 2493
Delta R.T. 0.009 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

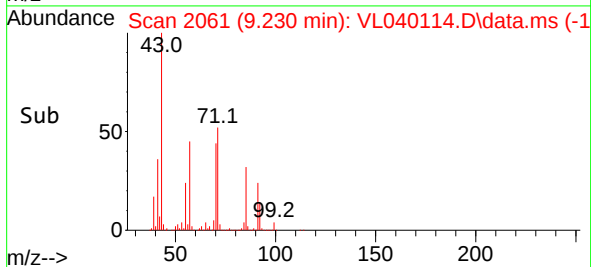
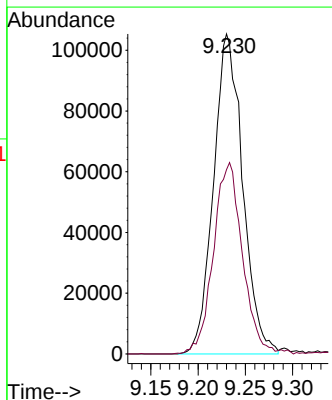
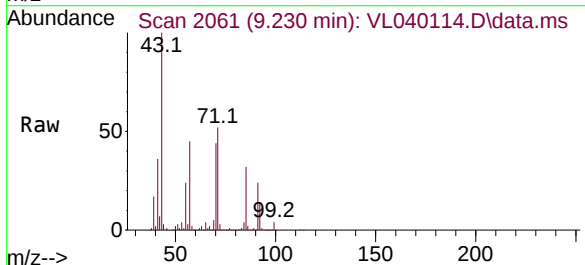
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

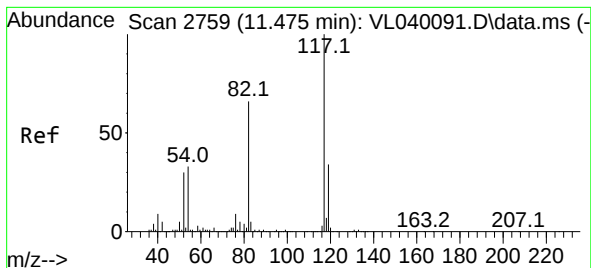
Tgt Ion:164 Resp: 2436
Ion Ratio Lower Upper
164 100
166 48.3 101.2 151.8#
129 0.0 90.2 135.2#
131 44.0 83.8 125.8#



#53
Toluene
Concen: 1.006 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

Tgt Ion: 91 Resp: 226004
Ion Ratio Lower Upper
91 100
92 59.9 48.3 72.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL040114.D

Acq: 19 Jan 2023 15:36

Instrument :

MSVOA_L

ClientSampleId :

VP-2DL

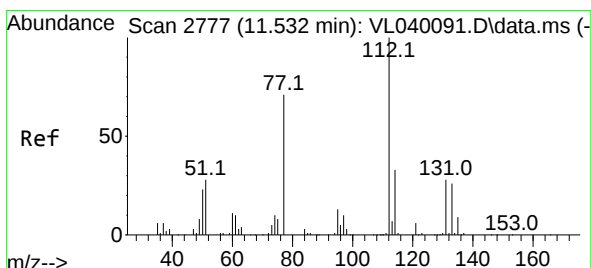
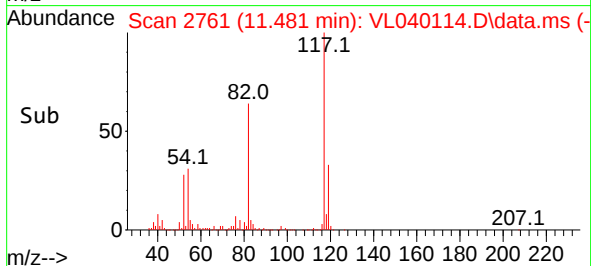
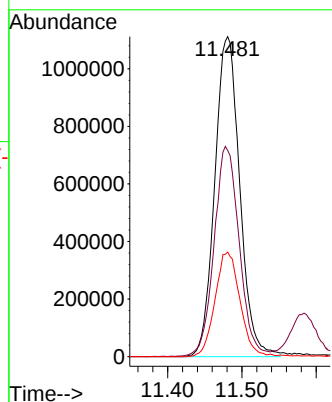
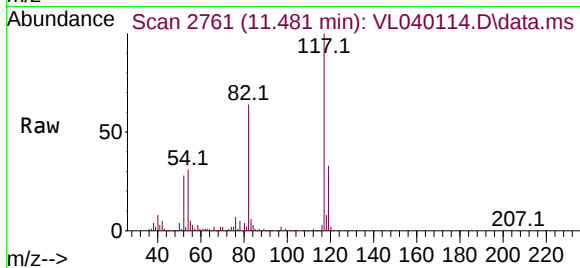
Tgt Ion:117 Resp: 2603598

Ion Ratio Lower Upper

117 100

82 66.0 54.4 81.6

119 33.4 26.8 40.2



#57

Chlorobenzene

Concen: 0.081 ppbv

RT: 11.542 min Scan# 2780

Delta R.T. 0.009 min

Lab File: VL040114.D

Acq: 19 Jan 2023 15:36

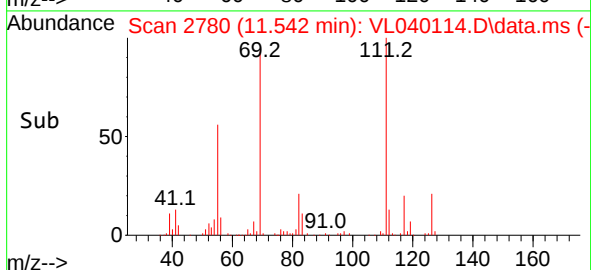
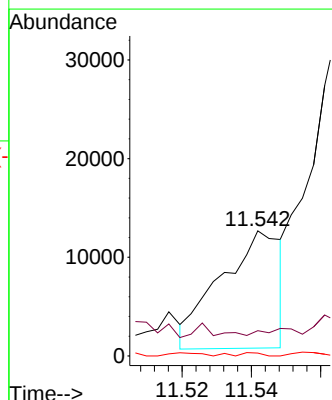
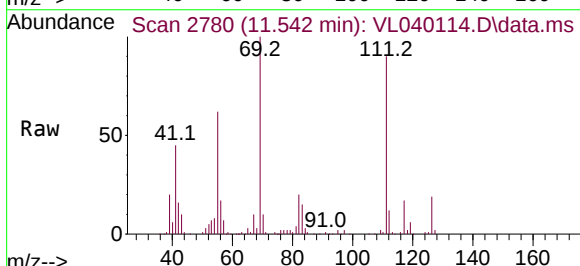
Tgt Ion:112 Resp: 14335

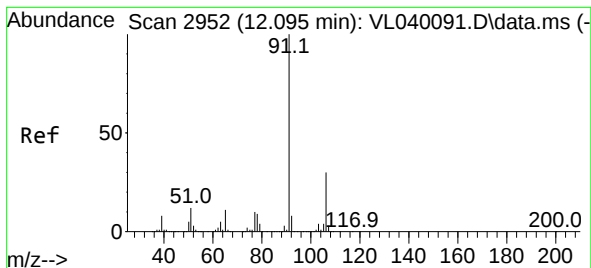
Ion Ratio Lower Upper

112 100

77 7.2 57.3 85.9#

114 3.1 29.6 36.2#

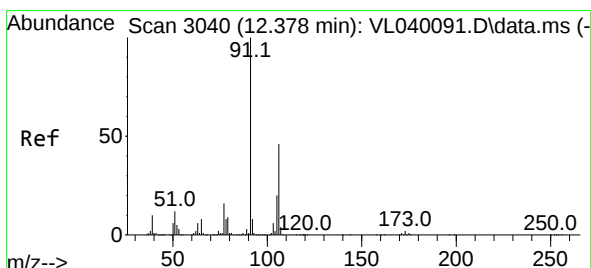
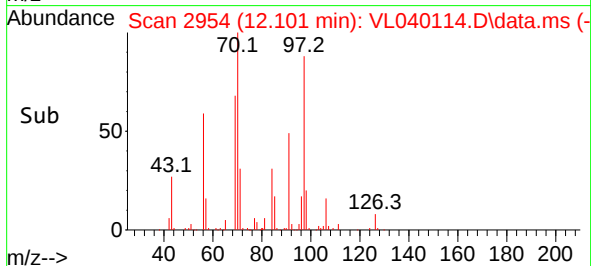
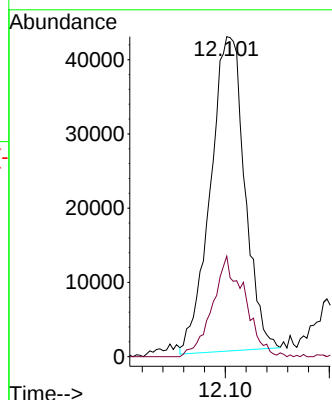
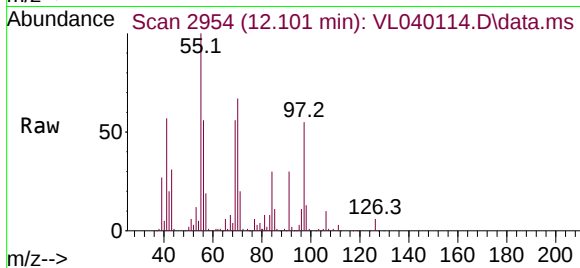




#58
Ethyl Benzene
Concen: 0.335 ppbv
RT: 12.101 min Scan# 2952
Delta R.T. 0.006 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

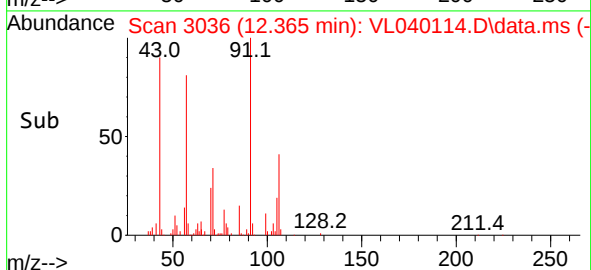
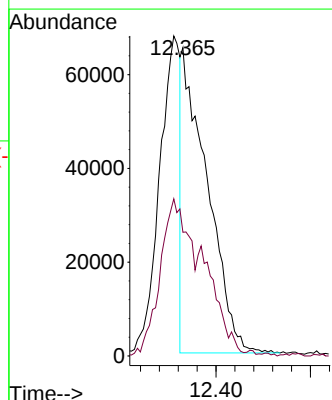
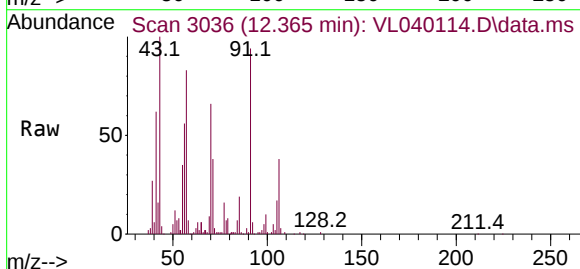
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

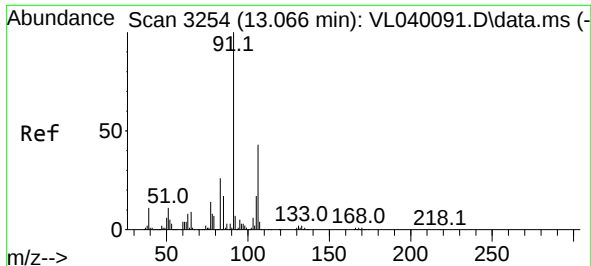
Tgt Ion: 91 Resp: 97396
Ion Ratio Lower Upper
91 100
106 32.3 23.7 35.5



#59
m/p-Xylene
Concen: 0.463 ppbv
RT: 12.365 min Scan# 3036
Delta R.T. -0.013 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

Tgt Ion: 91 Resp: 120949
Ion Ratio Lower Upper
91 100
106 0.0 34.2 51.4#

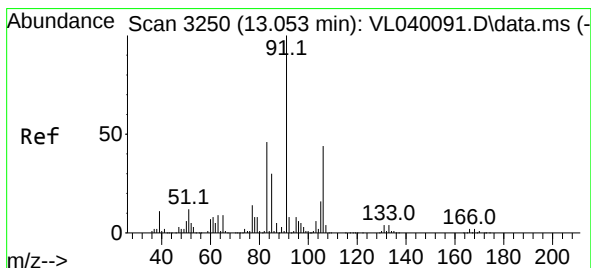
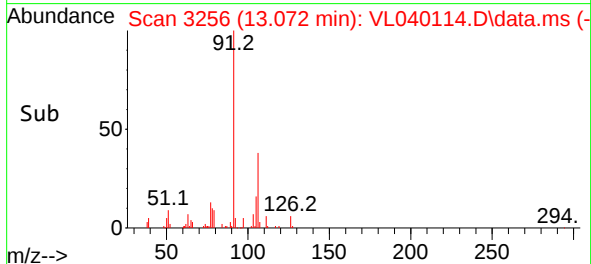
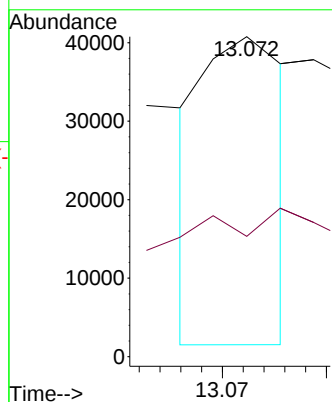
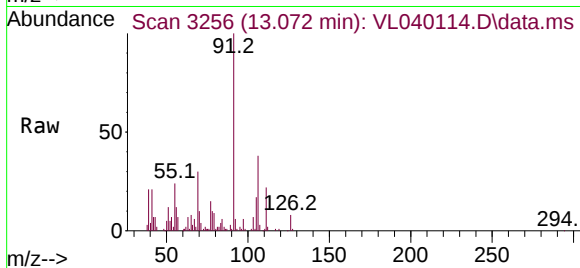




#60
o-Xylene
Concen: 0.087 ppbv
RT: 13.072 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

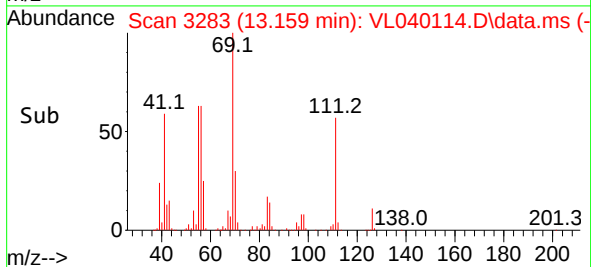
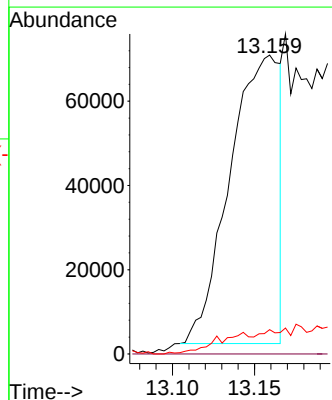
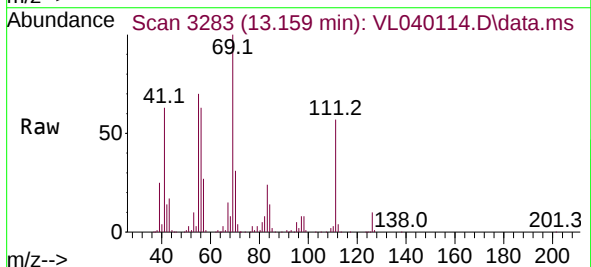
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

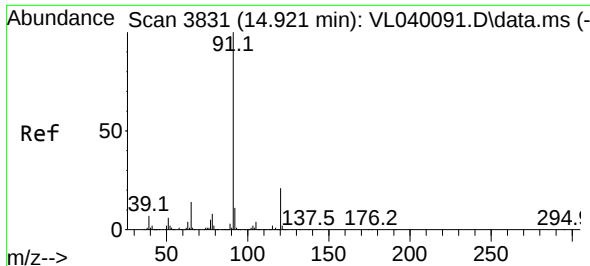
Tgt Ion: 91 Resp: 21474
Ion Ratio Lower Upper
91 100
106 0.0 21.6 64.8#



#63
1,1,2,2-Tetrachloroethane
Concen: 1.605 ppbv
RT: 13.159 min Scan# 3283
Delta R.T. 0.106 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

Tgt Ion: 83 Resp: 144552
Ion Ratio Lower Upper
83 100
131 0.0 4.3 13.1#
85 3.6 32.5 97.5#

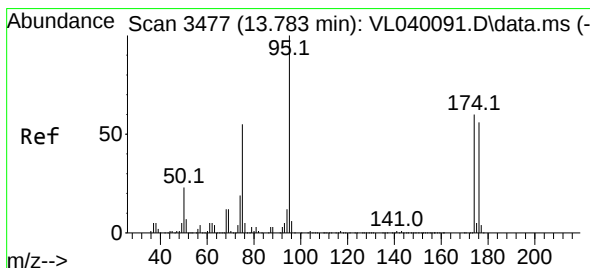
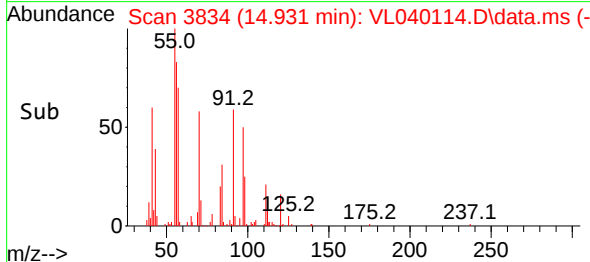
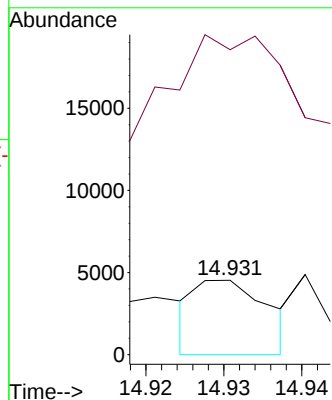
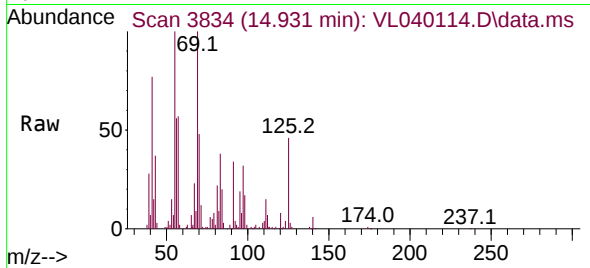




#64
n-propylbenzene
Concen: 0.033 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.009 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

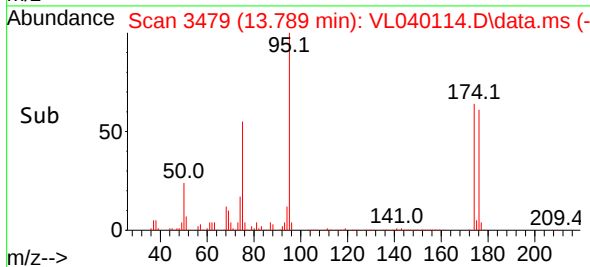
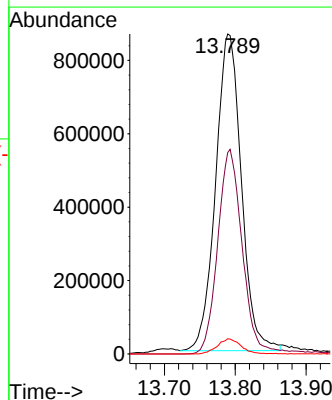
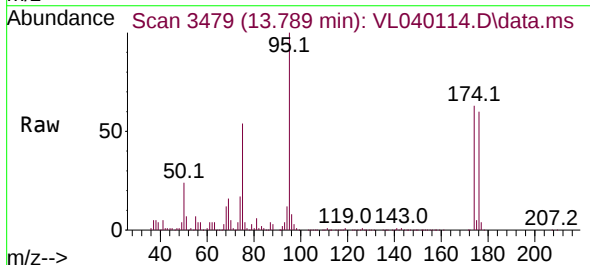
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

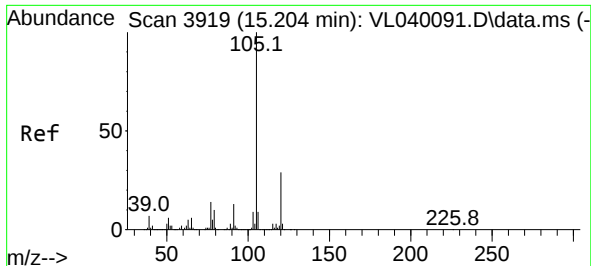
Tgt Ion:120 Resp: 2921
Ion Ratio Lower Upper
120 100
91 1615.4 397.0 595.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.093 ppbv
RT: 13.789 min Scan# 3479
Delta R.T. 0.006 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

Tgt Ion: 95 Resp: 2184031
Ion Ratio Lower Upper
95 100
174 62.4 47.7 71.5
175 4.5 3.4 5.2

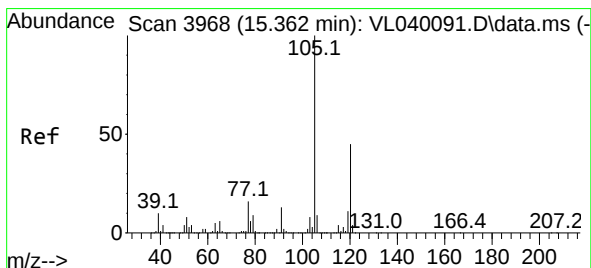
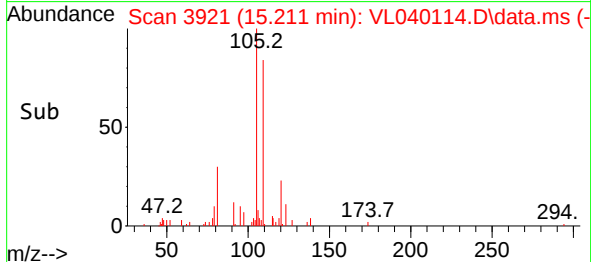
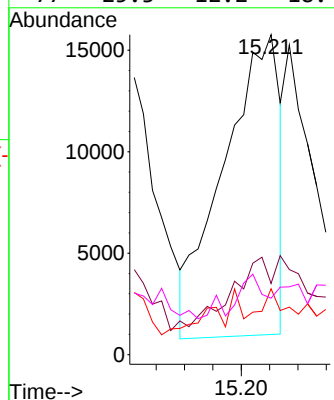
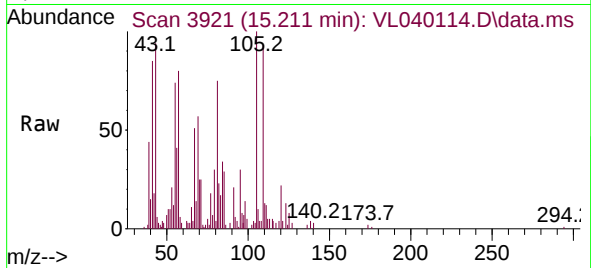




#72
4-Ethyltoluene
Concen: 0.074 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.006 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

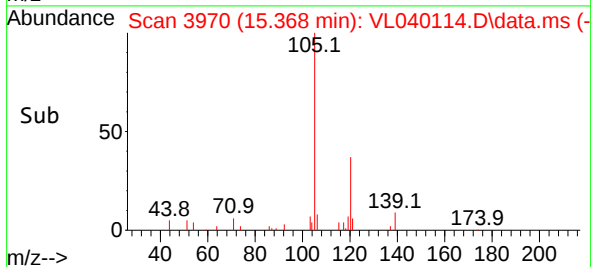
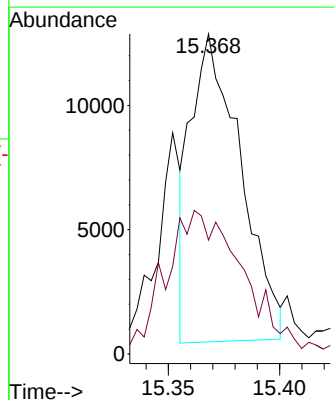
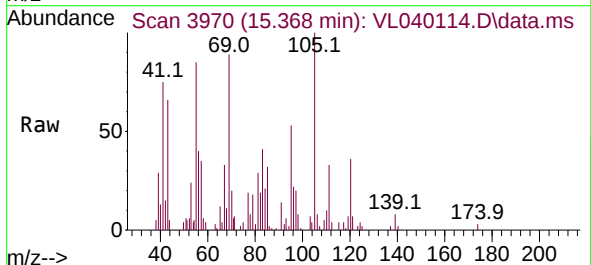
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

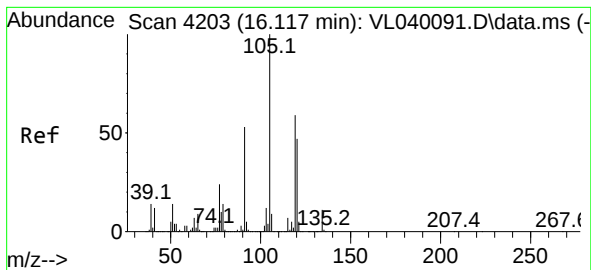
Tgt Ion:105	Resp:	20326
Ion Ratio	Lower	Upper
105	100	
120	0.0	23.1 34.7#
91	37.1	11.2 16.8#
77	25.3	12.2 18.4#



#73
1,3,5-Trimethylbenzene
Concen: 0.078 ppbv
RT: 15.368 min Scan# 3970
Delta R.T. 0.006 min
Lab File: VL040114.D
Acq: 19 Jan 2023 15:36

Tgt Ion:105	Resp:	19285
Ion Ratio	Lower	Upper
105	100	
120	34.2	36.2 54.4#





#74

1,2,4-Trimethylbenzene

Concen: 0.233 ppbv

RT: 16.120 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040114.D

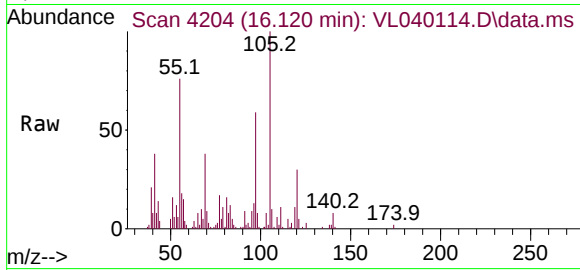
Acq: 19 Jan 2023 15:36

Instrument :

MSVOA_L

ClientSampleId :

VP-2DL



Tgt Ion:105 Resp: 64018

Ion Ratio Lower Upper

105 100

120 28.7 38.0 57.0#

91 5.5 42.1 63.1#

77 10.5 19.3 28.9#

